



THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Applicants:

Angelopoulos et al.

Serial No.: 09/727,615

Filed: December 1, 2000

For: POLYCRYSTALLINE CONDUCTING POLYMERS AND PRECURSORS
THEREOF HAVING ADJUSTABLE MORPHOLOGY AND PROPERTIES

Assistant Commissioner for Patents
Washington, D. C. 20231

Date: June 1, 2001

Group Art Unit:

Examiner:

Docket No.: YOR919960050US3

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Sir:

Attached is a typed replacement for Table I.

Please charge any fee necessary to enter this paper and any previous paper to
deposit account 09-0468.

Respectfully submitted,

(By:

Dr. Daniel P. Morris, Esq.
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IBM Corporation
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P. O. Box 218
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TABLE I

PLASTICIZERS

ADIPIC ACID DERIVATIVES

Dicapryl adipate
Di-(2-ethylhexyl) adipate
Di(n-heptyl, n-nonyl) adipate
Diisobutyl adipate
Diisodecyl adipate
Dinomyl adipate
Di-(tridecyl) adipate

AZELAIC ACID DERIVATIVES

Di-(2-ethylhexyl azelate)

Diisodecyl azelate

Diisooctyl azelate

Dimethyl azelate

Di-n-hexyl azelate

BENZOIC ACID DERIVATIVES

Diethylene glycol dibenzoate
Dipropylene glycol dibenzoate
Polyethylene glycol 200 dibenzoate

CITRIC ACID DERIVATIVES

Acetyl tri-n-butyl citrate

Acetyl triethyl citrate

Tri-n-butyl citrate

Triethyl citrate

DIMER ACID DERIVATIVES

Bis-(2-hydroxyethyl dimerate)

EPOXY DERIVATIVES

Epoxidized linseed oil

Epoxidized soy bean oil

2-Ethylhexyl epoxytarlate

n-Octyl epoxystearate

FUMARIC ACID DERIVATIVES

Dibutyl fumarate

GLYCEROL DERIVATIVES

Glycerol triacetate

ISOBUTYRATE DERIVATIVE

2,2,4-Trimethyl-1,3-pentanediol

Diisobutyrate

ISOPHTHALIC ACID DERIVATIVES

Di-(2-ethylhexyl) isophthalate

Dimethyl isophthalate

Diphenyl isophthalate

LAURIC ACID DERIVATIVES

Methyl laurate

LINOLEIC ACID DERIVATIVE

Methyl linoleate, 75%

MALEIC ACID DERIVATIVES

Di-(2-ethylhexyl) maleate

Di-n-butyl maleate

MELLITATES

Tricapryl trimellitate

Tri-(2-ethylhexyl) trimellitate

Triisodecyl trimellitate

Tri-(n-octyl, n-decyl) trimellitate

MYRISTIC ACID DERIVATIVES

Isopropyl myristate

OLEIC ACID DERIVATIVES

Butyl oleate

Glycerol monooleate

Glycerol trioleate

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TABLE I-continued

PLASTICIZERS

Methyl oleate

n-Propyl oleate

Tetrahydrofurfuryl oleate

PALMITIC ACID DERIVATIVES

Isopropyl palmitate

Methyl palmitate

PARAFFIN DERIVATIVES

Chloroparaffin, 41% Cl

Chloroparaffin, 50% Cl

Chloroparaffin, 60% Cl

Chloroparaffin, 70% Cl

PHOSPHORIC ACID DERIVATIVES

2-Ethylhexyl diphenyl phosphate

Isodecyl diphenyl phosphate

4-Butylphenyl diphenyl phosphate

Tri-butoxyethyl phosphate

Tributyl phosphate

Tricresyl phosphate

Triphenyl phosphate

PHTHALIC ACID DERIVATIVES

Butyl benzyl phthalate

Butyl octyl phthalate

Dicapryl phthalate

Dicyclohexyl phthalate

Di-(2-ethylhexyl) phthalate

Diethyl phthalate

Diethyl phthalate

Diisobutyl phthalate

Diisodecyl phthalate

Diisomyr phthalate

Diisooctyl phthalate

Dimethyl phthalate

Ditridecyl phthalate

Diundecyl phthalate

RICINOLEIC ACID DERIVATIVES

Butyl ricinoleate

Glyceryl tri(acetyl) ricinoleate

Methyl acetyl ricinoleate

Methyl ricinoleate

n-Butyl acetyl ricinoleate

Propylene glycol ricinoleate

SEBACIC ACID DERIVATIVES

Diethyl sebacate

Di-(2-ethylhexyl) sebacate

Dimethyl sebacate

STEARIC ACID DERIVATIVES

Ethylene glycol monostearate

Glycerol monostearate

Isopropyl isostearate

Methyl stearate

n-Butyl stearate

Propylene glycol monostearate

SUCCINIC ACID DERIVATIVES

Diethyl succinate

SULFONIC ACID DERIVATIVES

N-Ethyl o,p-toluenesulfonamide

o,p-toluenesulfonanamide

Polyesters

adipic acid polyester

Paraplex G-40

adipic acid polyester

Santicizer 334F

azelaic acid polyester

Plastolein 9720

azelaic acid polyester

Plastolein 9750

sebacic acid polyester

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TABLE I-continued

PLASTICIZERS

Paraplex G-25

Sucrose derivatives

sucrose acetate-isobutyrate (SAIB)

Tartaric acid derivative

dibutyl tartrate

Terephthalic acid derivative

bis(2-ethylhexyl) terephthalate (DOTP)

Trimellitic acid derivatives

tris(2-ethylhexyl) trimellitate (TOTM)

heptyl nonyl trimellitate

heptyl nonyl undecyl trimellitate

trisododecyl trimellitate

Glycol derivatives

diethylene glycol dipelargonate

triethylene glycol di-2

ethylbutyrate

poly(ethylene glycol) (200) di-2-

ethylhexanoate

Glycolates

methyl phthalyl ethyl glycolate

butyl phthalyl butyl glycolate

Hydrocarbons

hydrogenated terphenyls HB-40

poly(alkyl naphthalene)s Panaflex

aliphatic aromatics Leromoll

chlorinated paraffin (52 wt % Cl),

Cereclor S-52

Terpenes and Derivatives

Camphor

Hydrogenated methyl ester or rosin

Phosphonic Acid Derivatives

Chlorinated Polyphosphonate

Siloxanes

Polydimethyl siloxane

Polyco-dimethyl/propylamine siloxanes with various amount of propylamine content

Polydiphenylsiloxanes

Polyco-dimethylphenyl siloxanes

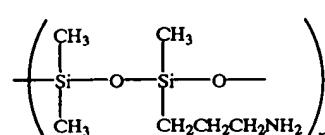
Silanol terminated polysiloxanes

Amino terminated polysiloxanes

Epoxy terminated polysiloxanes

Carbirol terminated polysiloxanes

Polysilanes



Glycols

Polyethylene glycol

Poly(ethylene glycol) tetrahydrofurfuryl ether

Poly(ethylene glycol) bis(carboxymethyl) ether

3,6,9-trioxaundecanoic acid

3,6,9-trioxaundecanedioic acid

Polyglycol diacid

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Washington, D.C. 20231

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